

| Project Title  | Funding   | Strategic Plan Objective | Institution   |
|--|-----------|--------------------------|---|
| Taste, smell, and feeding behavior in autism: A quantitative traits study  | \$541,983 | Q2.Other                 | University of Rochester   |
| Neural basis of cross-modal influences on perception   | \$163,755 | Q2.Other                 | University of California, San Diego                                       |
| Time Perception and Timed Performance in Autism  | \$248,938 | Q2.Other                 | Michigan State University   |
| The effects of autism on the sign language development of deaf children  | \$53,942  | Q2.Other                 | Boston University   |
| Neural mechanisms of tactile sensation in rodent somatosensory cortex  | \$246,278 | Q2.Other                 | University of California, Berkeley  |
| Neural basis of behavioral flexibility   | \$347,607 | Q2.Other                 | Mount Sinai School of Medicine  |
| Structural and functional neuroimaging of the auditory system in autism  | \$157,938 | Q2.Other                 | Children's Hospital of Philadelphia                                       |
| Multimodal neuroimaging of motor dysfunction in autism spectrum disorders  | \$58,000  | Q2.Other                 | University of Colorado Denver   |
| Mechanisms of motor skill learning in the fragile X mouse model  | \$292,423 | Q2.S.D                   | University of Nebraska Medical Center                                     |
| Integrative functions of the planum temporale  | \$432,343 | Q2.Other                 | University of California, Irvine  |
| Sensory processing and integration in autism   | \$524,517 | Q2.Other                 | Albert Einstein College of Medicine of Yeshiva University                 |
| Motor control and cerebellar maturation in autism  | \$157,148 | Q2.Other                 | University of Texas Southwestern Medical Center                           |
| Understanding the brain basis of impaired imitation learning in autism   | \$56,900  | Q2.Other                 | Kennedy Krieger Institute   |
| GABAergic dysfunction in autism  | \$50,000  | Q2.Other                 | Johns Hopkins University  |
| Evaluating the time-dependent unfolding of social interactions in autism   | \$196,987 | Q2.Other                 | University of Cincinnati  |
| Auditory and integrative functions of the prefrontal cortex  | \$374,016 | Q2.Other                 | University of Rochester   |
| BRIGE: Emotion mapping of children through human-robot interaction and affective computing                             | \$0       | Q2.Other                 | University of Louisville Research Foundation Inc                          |
| A preliminary investigation of the neurobehavioral basis of sensory behavior in autism                                 | \$20,000  | Q2.Other                 | Kennedy Krieger Institute   |
| Learning and plasticity in the human brain   | \$392,666 | Q2.Other                 | National Institutes of Health   |
| Reliability of Sensory-Evoked Activity in Autism Spectrum Disorders- Project 1   | \$0       | Q2.L.B                   | Carnegie Mellon University  |
| Cerebellar plasticity and learning in a mouse model of autism  | \$0       | Q2.S.D                   | The University of Chicago   |
| Activity-dependent Mechanisms of Visual Circuit Formation  | \$0       | Q2.Other                 | Children's Research Institute (CRI)<br>Children's National Medical Center |
| Unreliability of neuronal responses in mouse models of autism  | \$62,500  | Q2.Other                 | Carnegie Mellon University  |
| MRI: Acquisition of an Infrared Eye Tracker to Study the Emergence, Use, Loss, and Requisition of Communication Skills | \$41,575  | Q2.Other                 | Emerson College   |
| The neurophysiology of sensory processing and multisensory integration in ASD  | \$437,684 | Q2.Other                 | Syracuse University   |
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| Auditory cortical plasticity in a mouse model of Rett syndrome | \$43,501 | Q2.S.D                   | Cold Spring Harbor Laboratory |

